

MAJORITY	GGAGATCCGCCCTCGAGGAGGAGGTCTTCCGCCTGGCCGGCCACCCCTTCAACCTCAACTCCCGGGAC	
DNAPTAQ	.....GC.....CC.....	1464
DNAPTFL	...G.G...AG..G.....	1461
DNAPTTH	.....T....G.....	1470
MAJORITY	CAGCTGGAAAGGTGCTCTTTGACGAGCTXGGGCTTCCGCCATCGGCAAGACGGAGAAGACXGGCAAGC	
DNAPTAQ	.....C.....A.....	1534
DNAPTFL	...GC.....G..C..G..T.....	1531
DNAPTTH	.....TA.....T.G..G.....C.A.....	1540
MAJORITY	GCTCCACCAGCGCCGCTGCTGGAGGCCCTXCGXGAGGCCACCCCATCGTGGAGAAGATCCTGCAGTA	
DNAPTAQ	.....C.....C..C.....	1604
DNAPTFL	...T.....G..A.....CCGC.....	1601
DNAPTTH	.....G.....A..G.....	1610
MAJORITY	CCGGGAGCTACCAAGCTCAAGAACACCTACATXGACCCCTGCCXGXCCTCGTCCACCCAGGACGGGC	
DNAPTAQ	.....G....G.....T.....T....G.A....A.....	1674
DNAPTFL	.....A.....A.....C.C...G.....A...C...	1671
DNAPTTH	.....G.G.....AAG.....G.....	1680
MAJORITY	CGCCTCCACACCCGCTTCAACCAGACGGCCACGGCAGGCTTAGTAGCTCCGACCCCAACCTGC	
DNAPTAQ	.....A.....T.....C.	1744
DNAPTFL	...G.....C.....TCC.....	1741
DNAPTTH	.....G.....	1750

FIG. 2E

MAJORITY	AGAACATCCCCGTCCGCACCCXCTGGGCCAGAGGATCCGCCGGGCTTCGTGGCCGAGGAGGGXTGGGT	
DNAPTAQ	.....G..T..G.....A.C.....G...C.	1814
DNAPTFL	.....G.....T.....C.C.....A.....C.....	1811
DNAPTTH	.....CT.....	1820
MAJORITY	GTTGGTGGCCCTGGACTATAGCCAGATAGAGCTCCGGGTCCTGGCCACCTCTCCGGGACGAGAACCTG	
DNAPTAQ	A.....A.....G.....C.....	1884
DNAPTFL	.....T.T.....C.....T.....A.....	1881
DNAPTTH	.....	1890
MAJORITY	ATCCGGGTCTTCCAGGAGGGAGGACATCCACACCCAGACCGCCAGCTGGATGTTTCGGCGTCCCCCGG	
DNAPTAQ	.....C.....GG.....G...G..	1954
DNAPTFL	.....T.....	1951
DNAPTTH	A.....A.....	1960
MAJORITY	AGGCCGTGGACCCCTGATGCGCCGGGCGGCCAAGACCATCAACTTCGGGGTCCTCTACGGCATGTCCGC	
DNAPTAQ	.....	2024
DNAPTFL	A.GG..A.....T.....G.....	2021
DNAPTTH	.....GG.G.....C.....	2030
MAJORITY	CCACCGCCTCTCCAGGAGCTTGCCATCCCCCTACGAGGCGGTGGCCTTCATTGAGCGCTACTTCCAG	
DNAPTAQ	.....A.....T.....CCA.....T...	2094
DNAPTFL	.....GG.....T.....	2091
DNAPTTH	...TA.G.....T..A.....A	2100

FIG. 2F

MAJORITY	AGCTTCCCAAGGTGGGGCCTGGATTGAGAAGACCCCTGGAGGAGGCGAGGCGGGGTACGTGGGAGA	2164
DNAPTAQ	.....	2161
DNAPTFL	.....C.CC.....T.....	2170
DNAPTTH	.....A.....G.....A.....C.....A.....	
MAJORITY	CCCTCTTCGGCCGGCGCTACGTGCCCGACCTCAACGCCGGGTGAAGAGCGTGCGGGAGCGCGCGGA	
DNAPTAQ	.....C.....A.....AG.G.....C.....	2234
DNAPTFL	.....T.....C.....	2231
DNAPTTH	.....AA.AA.....CA.....C.....	2240
MAJORITY	GCGCATGGCCTTCAACATGCCCGTCCAGGGCACCGCCGACCTCATGAAGCTGGCCATGGTGAAGCTC	
DNAPTAQ	.....G.....T.....CG...T	2304
DNAPTFL	.....G.....C.....	2301
DNAPTTH	.....C.....	2310
MAJORITY	TTCCCCCGGCTXCAGGAATGGGGGCCAGGATGCTCCTXCAGGTCCACGACGAGCTGGTCCTCGAGGCCCC	
DNAPTAQ	.....A...GG.....T.....	2374
DNAPTFL	.....T...C.....TT.G...G.....	2371
DNAPTTH	.....C.C.G...G.....C.C.....CC...G.....	2380
MAJORITY	CCAAAGAGCGGGCGGAGGXGGTGGCCGCTTTGGCCCAAGGAGGTCTATCCCCCTGGCCCGT	
DNAPTAQ	.....A.....CC.....CGGC.....G.....	2444
DNAPTFL	.....G.C.....AG...A.....GG.....CAG...	2441
DNAPTTH	.....C.....C.....A.....G.....AA..C.....C.....	2450

FIG. 2G